

APPARATUS AND METHOD FOR DEMULTIPLEXING A POLARIZATION-MULTIPLEXED SIGNAL

Abstract of the Disclosure

An apparatus and method for demultiplexing a time and polarization multiplexed signal are described. The multiplexed signal is a combination of component signals, each of which is characterized by a polarization. The demultiplexer of the system includes an input interface over which the signal is received. A polarization demultiplexer receives the multiplexed signal and polarization demultiplexes the signal. Next, a time-demultiplexing stage time-demultiplexes the polarization-demultiplexed signal to recover the original component signals. A clock recovery circuit recovers the clock from the polarization-demultiplexed signal before time demultiplexing.

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